

COVID-19

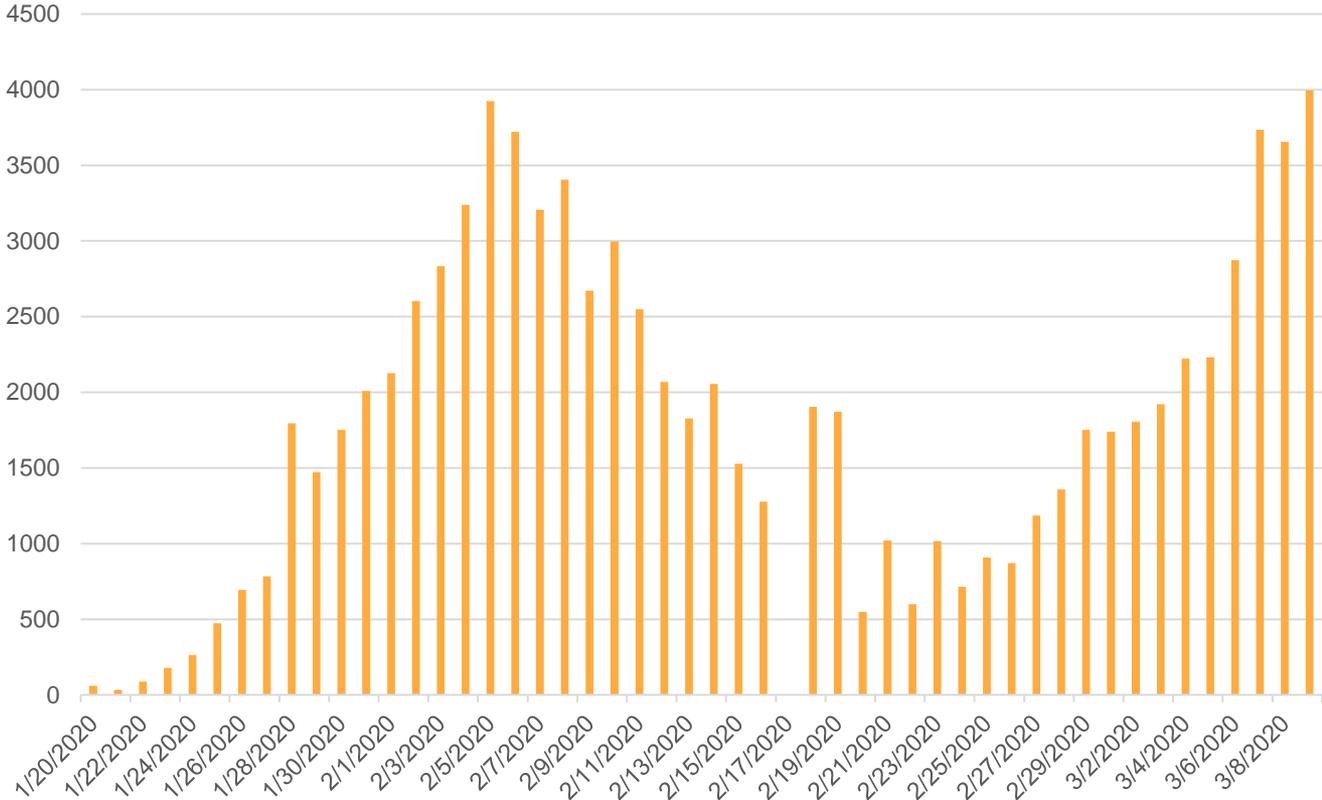
Global Experience

March 11, 2020

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Commissioner
Philadelphia Department of Public Health



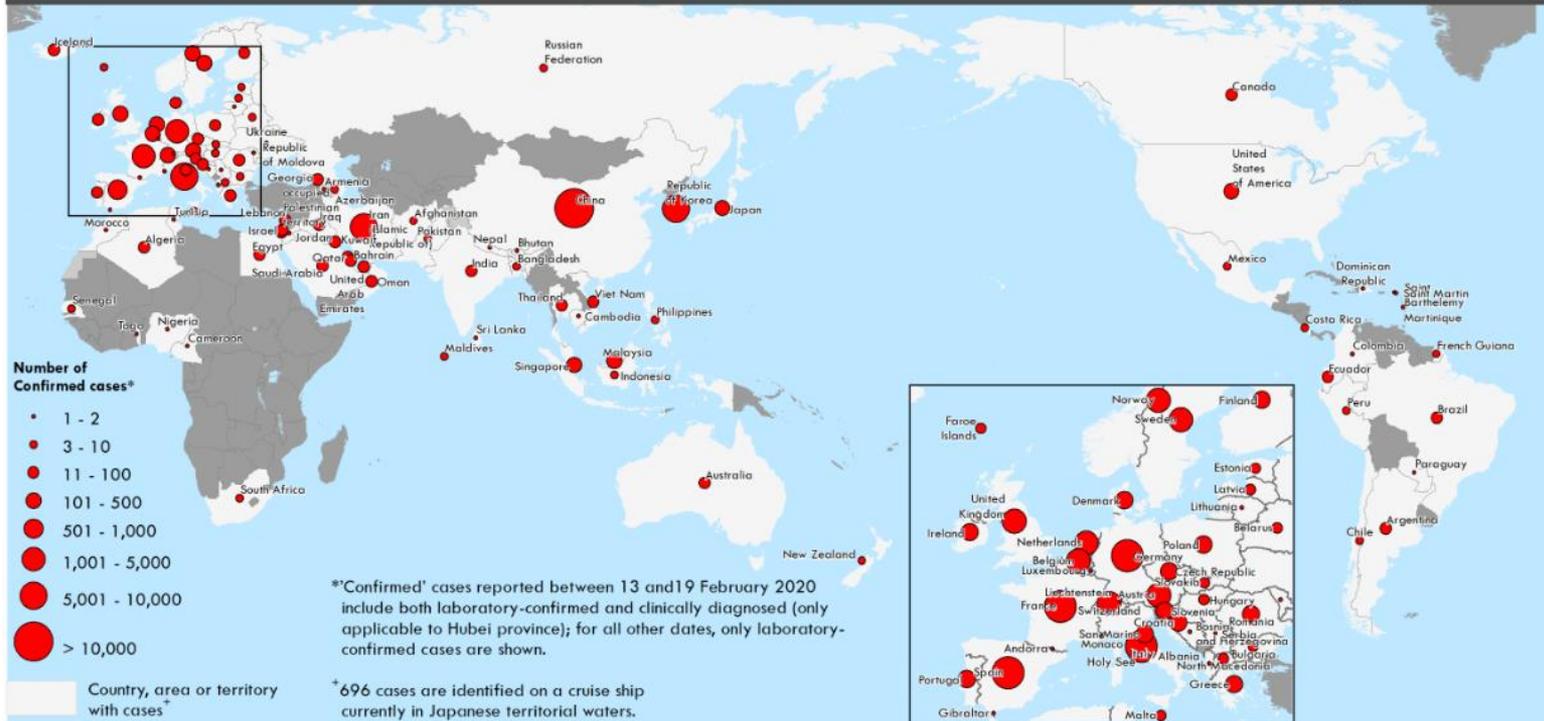
Global Confirmed COVID-19 Cases by Date Report



As of 3/9/20

Source: Reconstructed from WHO Situation Reports

Distribution of COVID-19 cases as of 09 March 2020



Data Source: World Health Organization

Map Production: WHO Health Emergencies Programme

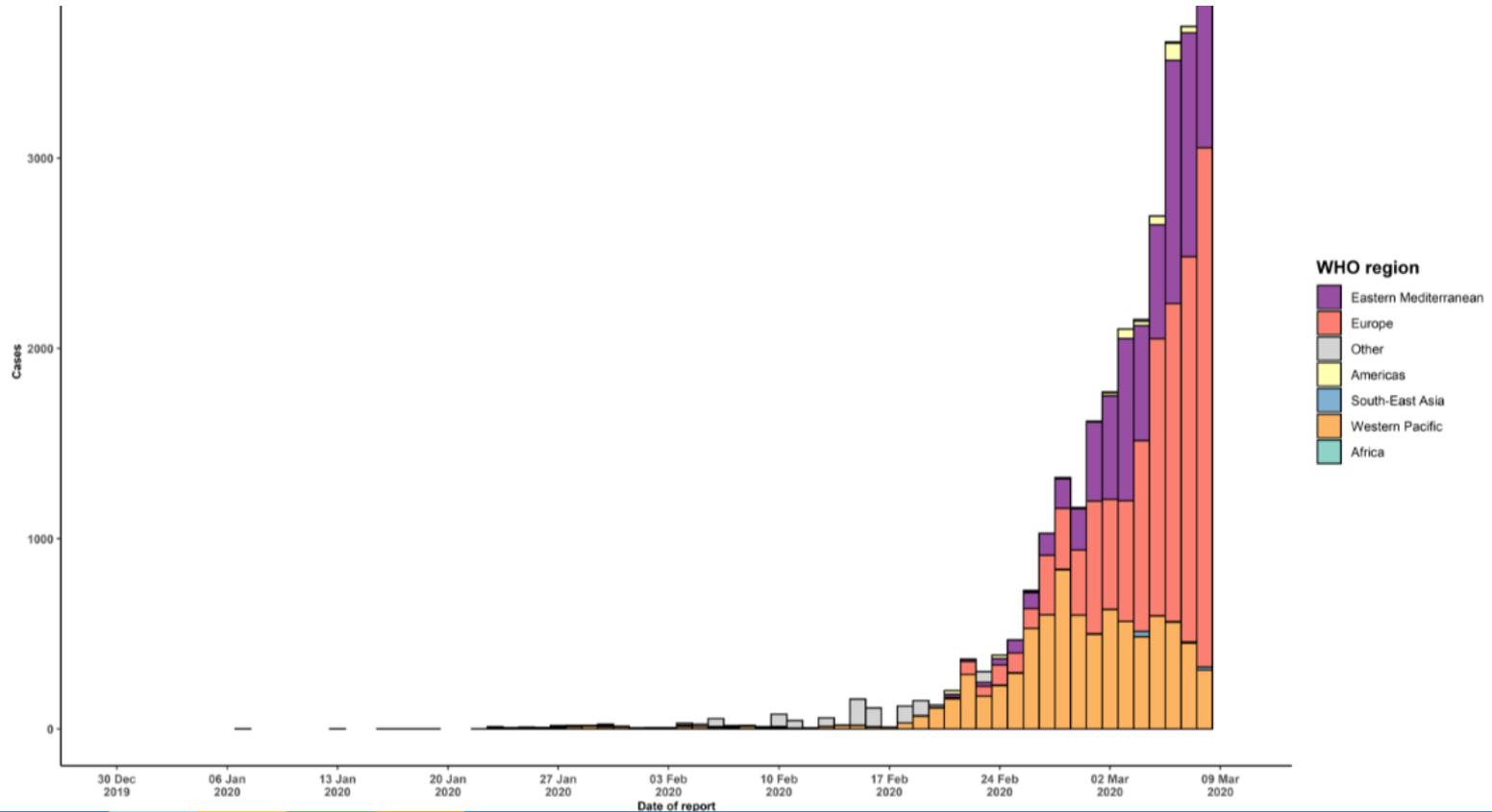
Not applicable



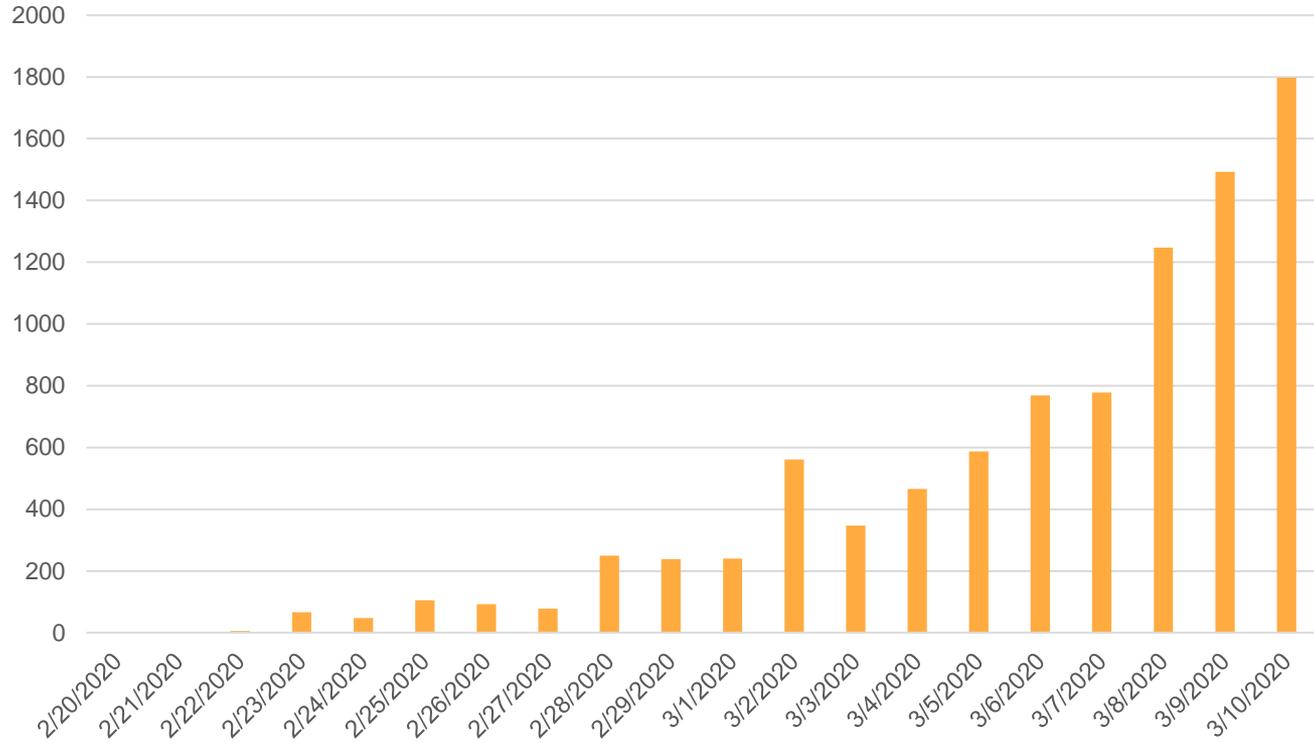
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Epidemic Outside of is China Growing



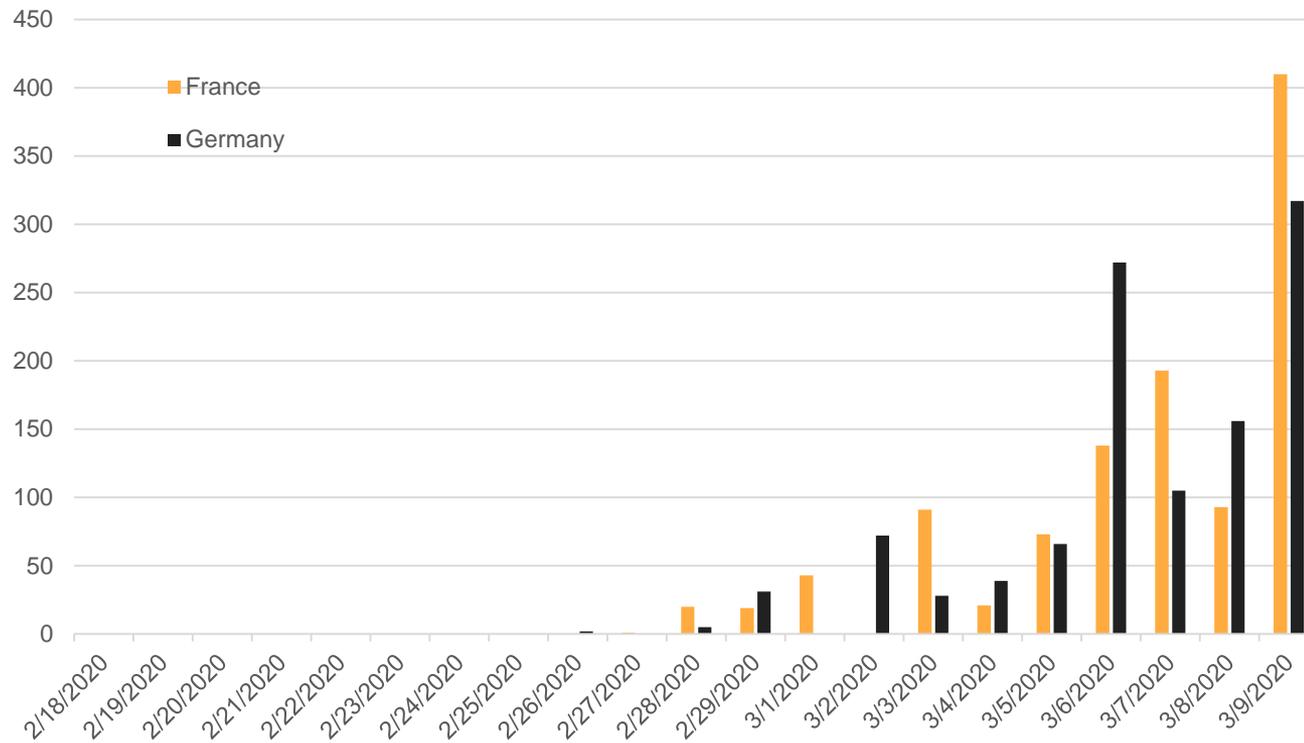
Cases in Italy by Day



As of 3/10/20

Source: Reconstructed from WHO Situation Reports

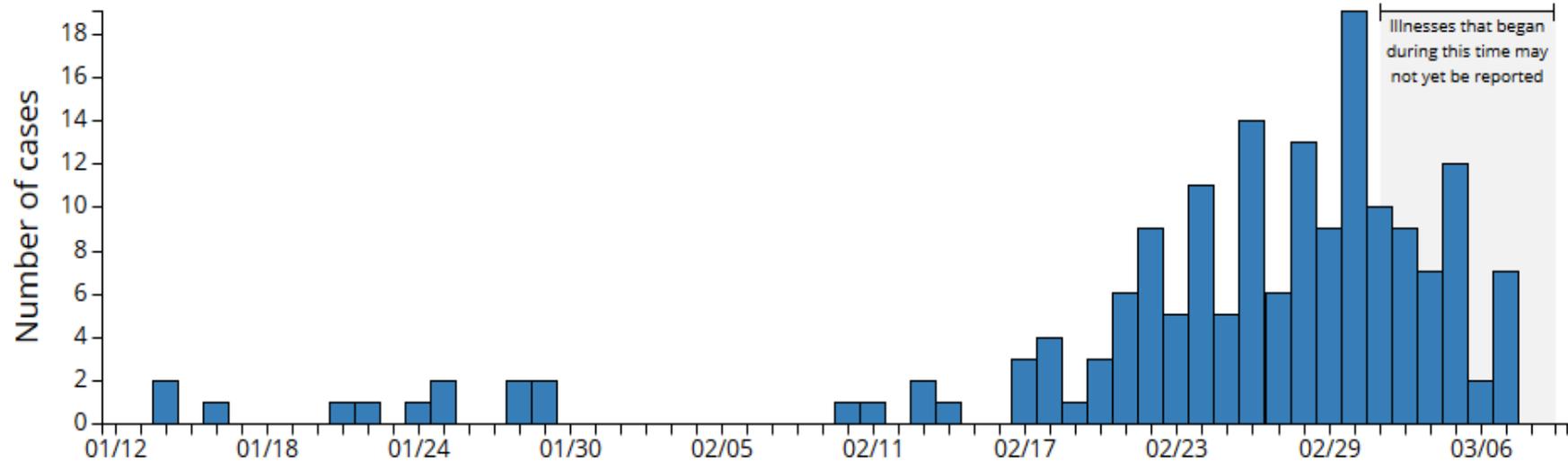
Cases in France and Germany



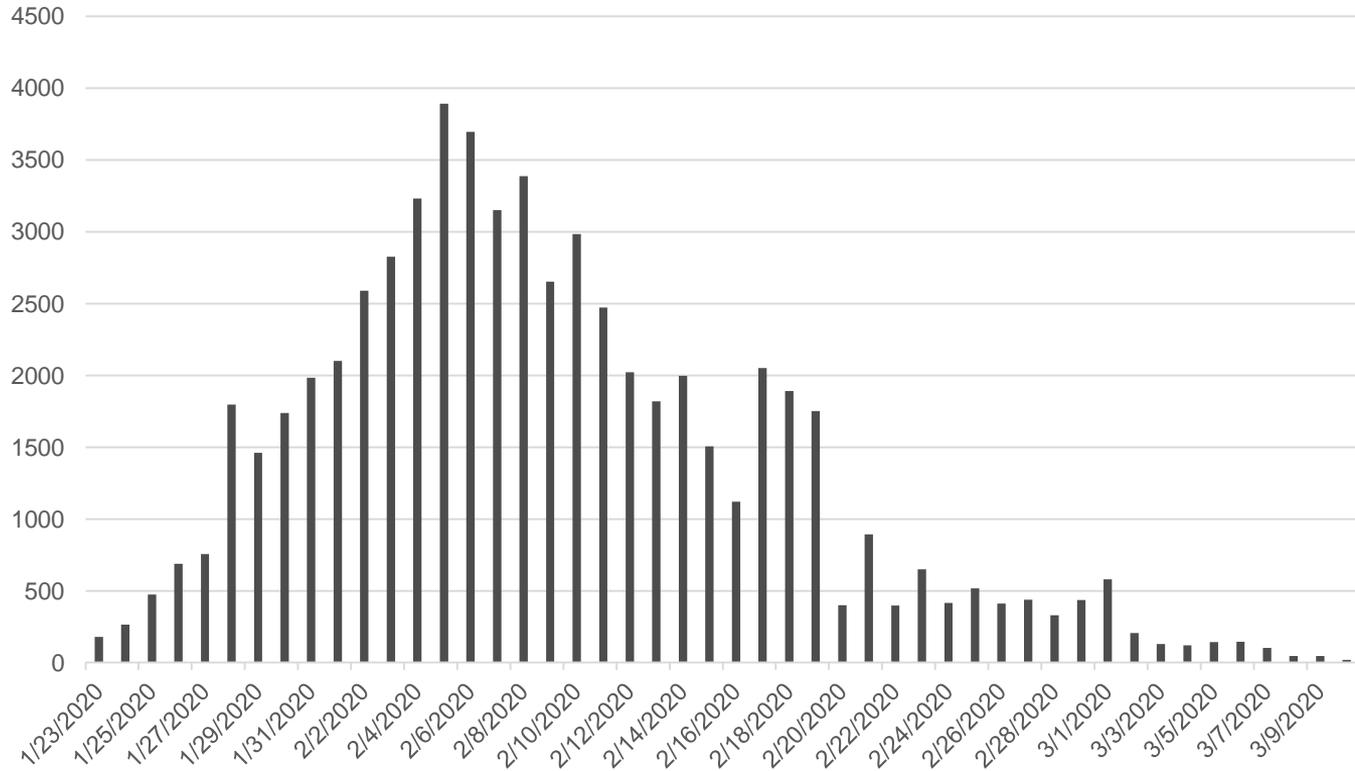
As of 3/10/20

Source: Reconstructed from WHO Situation Reports

COVID-19 cases in the United States by date of illness onset, January 12, 2020, to March 9, 2020, at 4pm ET (n=172)**



China is Overcoming its Epidemic

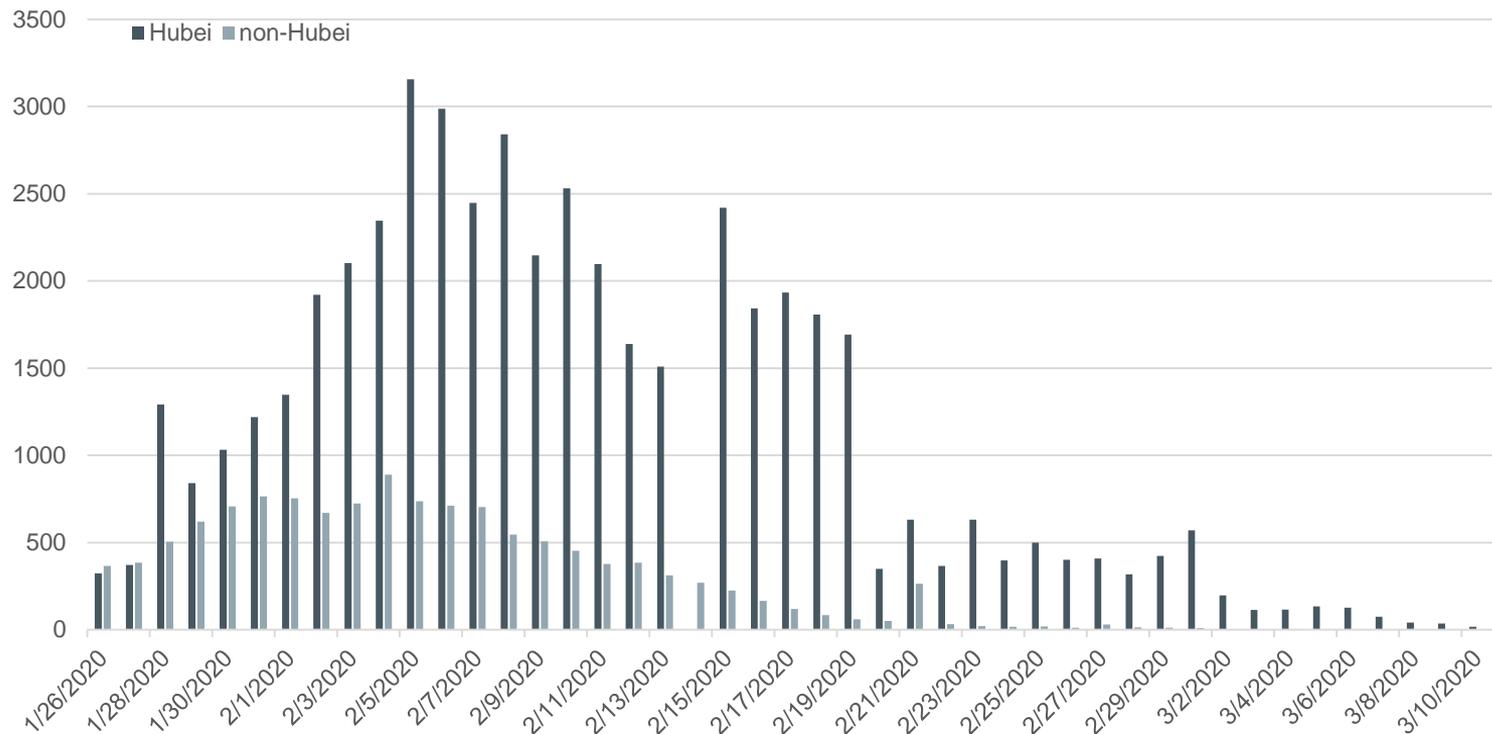


As of 3/10/20

Source: Reconstructed from WHO Situation Reports

Cases in China

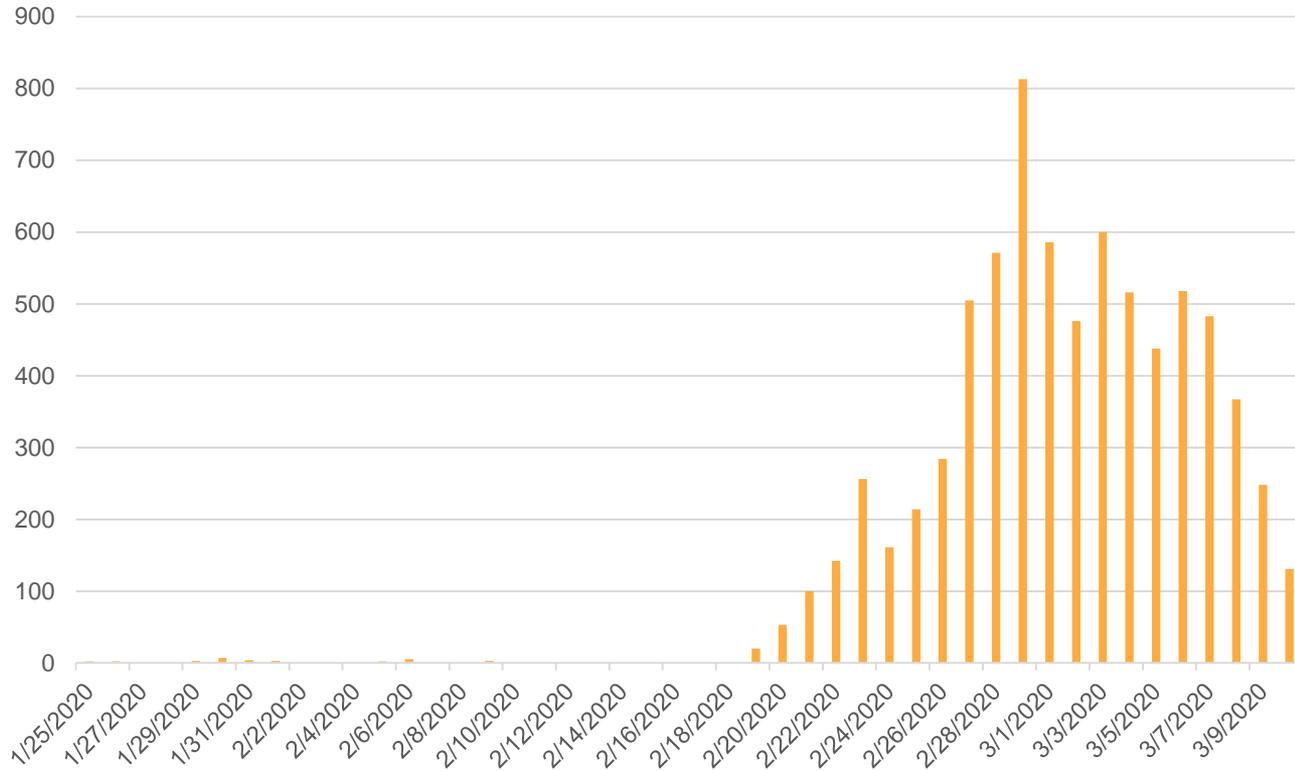
Hubei vs. Rest of China



As of 3/10/20

Source: Reconstructed from WHO Situation Reports

South Korea Appears to Be Succeeding



As of 3/10/20

Source: Reconstructed from WHO Situation Reports



Epidemiologic Vulnerability of COVID-10

- 
- Incubation period 4-6 days
 - Longer than 2 days for influenza
 - Most cases are symptomatic
 - Unlike influenza, most can be identified
 - Transmission mostly to household contacts
 - ~80% of clusters in China were confined to households



Response in South Korea

- Testing
 - Private hospitals and 200 designated health centers
 - Evaluation & testing: 30-60 minutes
 - Drive-through testing centers at hot spots
 - Isolation in health care facilities
 - Expanding isolation beds
 - Facilities to care for patients with mild symptoms
 - Contact tracing & quarantine
 - Social distancing
 - Concerts/sporting matches cancelled
 - Public gatherings in Seoul banned
 - Some companies asked staff to work from home
 - No “lockdowns” or limitations on individual person movement
- 

Drive-Through Testing Center in S. Korea





Strategy to Contain Virus

- 
1. Rapid identification of cases
 2. Isolation of cases
 3. Identification of close contacts
 4. Quarantine of contacts for 14 days
- 



Strategy to Slow Community Spread

- 
1. Canceling or limiting large public gatherings
 2. Social distancing
 - Encouraging work from home
 - Encouraging other steps to limit face-to-face interaction
 3. Protection of vulnerable people
 - Limiting visitors in nursing homes and other congregate settings
 - Infection control in settings with vulnerable people
- 



What Philadelphia Residents Need to Know

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- Most common symptoms of coronavirus:
 - **Fever**
 - **Dry cough**
 - If you have these symptoms, stay away from others
 - If you have combination of symptoms AND possible exposure to COVID-19, contact your doctor about getting tested
 - Exposure:
 - Travel to affected area OR
 - Close contact with possible COVID-19 case



For more information:

www.phila.gov/covid-19

